

SOIL CLASS: 538A SQUAMSCOTT
(SOURCE: USDA-SCS SOIL SURVEY)

BENCH MARKS: ASSUMED DATUM

- #1 SE COR (TOP) RET. WALL EL 46.56
- #2 SET PK EP EL 40.07
- #3 SET PK EP EL 40.21

DESIGN INTENT: BED BOTTOM TO BE PLACED NO LOWER THAN 6" ABOVE EXISTING GRADE, UPSLOPE SIDE (EXIS GRADE = 43.5).

SUITABLE REPLACEMENT AREA:
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

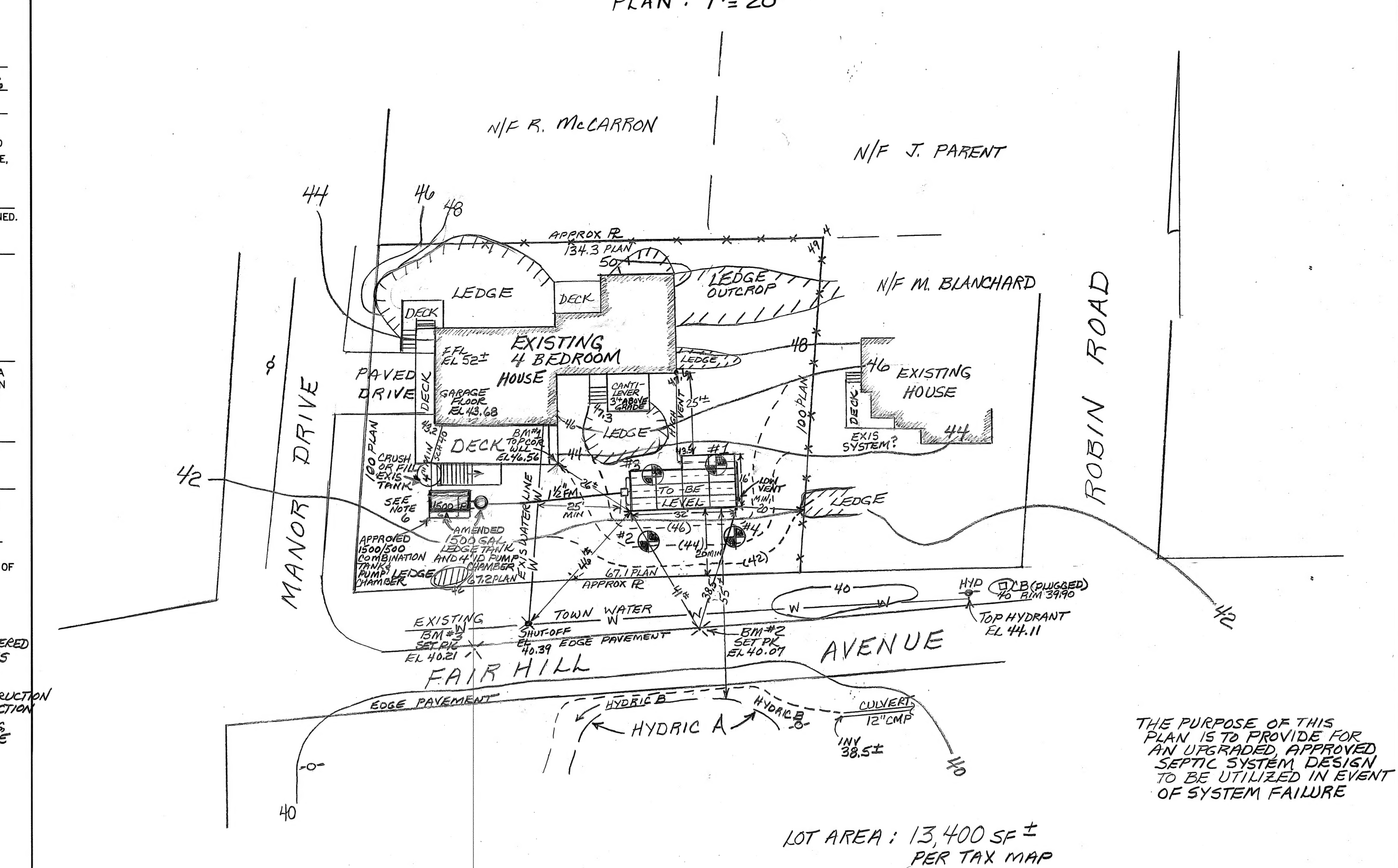
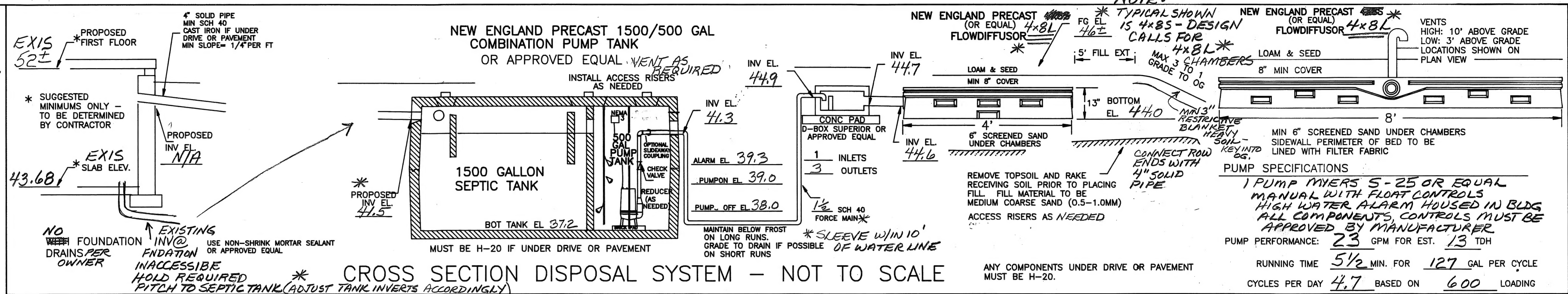
LEGEND:

- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION

NOTES:

- THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
ACAD PLAN 0201/OCCUPATION
- NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER: **N/A LOT CREATED 1921**
- THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.
- NO SURFACE WATER OR WELL WITHIN 55' OF PROPOSED SYSTEM.
- INSTALLER MUST NOTIFY DESIGNER IMMEDIATELY OF ANY DISCREPANCIES FOUND OR CHANGES CONSIDERED TO THIS PLAN.
- PLAN MAY BE AMENDED TO SHOW SMALLER TANKS IN SERIES (1ST TANK MIN 1000 GAL) TO ADJUST FOR LEDGE, IF ENCOUNTERED
- APPROVAL OF THIS PLAN ALLOWS FOR IMMEDIATE CONNECTION TO NEW SEPTIC TANK(S) IF INSTALLATION REQUIRES DESTRUCTION OF EXIS TANK PRIOR TO INSPECTION
- EXTENT OF EXISTING LEACHING COMPONENTS UNKNOWN - TO BE DETERMINED AND REMOVED AS NEEDED AT TIME OF INSTALLATION.

PLOT PLAN
1" = APPROX



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

OWN-10 1023.01 (A) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.

OWN-10 1023.02 (B) WHEN THE CUMULATED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

OWN-10 1023.03 (C) TO PREVENT CONTAMINATION OF THE GROUNDWATER LINES AND LEACH FIELD, GARBAGE AND SLURRY WASTE SHALL NOT BE DISPOSED IN THE TANK.

OWN-10 1023.04 (D) TANKS AND PUMP CHAMBERS SHALL NOT BE PLACED OR OTHERWISE STRUCTURED INTO THE SEPTIC SYSTEM.

OWN-10 1023.05 (E) TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, WHEELS, LIVESTOCK, AND OTHER HEAVY GRADES SHALL NOT BE ALLOWED ON THE LEACH FIELD.

OWN-10 1023.06 (F) IF ANY AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE COLOURS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TEST PIT DATA

DATE: 4/8/99
TOWN INSPECTOR: S. ZARLENGO

#1 EL 43.3
0-20" 10YR 3/4 TO 3/16 FINE SANDY LOAM, GRAN. FRIABLE
20-36" MIXED, PREDOM. 2.5Y3/3 LOAM, FINE TO MIED SAND, FLAT, FIRM, IN PLACE
LEDGE @ 36", ESHWT @ 20", NO OBS H₂O

#2 EL 41.2
0-13" 10YR 3/4 FINE SANDY LOAM, GRAN. FRIABLE
13-24" 10YR 4/6 FINE SANDY LOAM, GRAN. FRIABLE
24-32" MIXED, PREDOM. 2.5Y3/3 FINE SANDY LOAM WITH STONES, MOST FRIABLE
LEDGE @ 32", ESHWT @ 24", OBS H₂O @ 32"

#3 EL 43.1
0-12" 10YR 3/3 FINE SANDY LOAM, GRAN. FRIABLE
12-32" 10YR 3/4 FINE SANDY LOAM, GRAN. FRIABLE
LEDGE @ 32", ESHWT @ 32", NO OBS H₂O

#4 EL 41.2
LEDGE @ 48"
ESHWT @ 24" (SEE PAGE) SAME SOILS AS #1, 2, 3

PERC TEST DATA

DATE: PERC RATE: USE 2 MIN/IN

DESIGN LOADING: 4 BEDROOMS

AREA REQUIRED: 750 x 0.6 = 450 SF REQUIRED
USE 14 4x81 FLOWDIFFUSORS

AREA PROPOSED: AS SHOWN FOR 14x32 = 448 SF PROVIDED

SEPTIC SYSTEM PLAN

LOCUS: 31 FAIRHILL AVE
RYE, NH
AMENDED 6/10/99 SHOW SEPARATE TANK & PUMP CHAMBER - AMENDED PLAN VIEW ONLY.

OWNER: BRIAN FITZGERALD
31 FAIRHILL AVE
RYE, NH 03870

APPLICANT: STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03842

DATE: 4/27/99
APPROVAL: CA1999017287

DESIGNER: NEW HAMPSHIRE
Subsurface Disposal Systems
Ann W. Blazbrzski
No. 348